

JUN 24 2005

Attorney Docket No.: 524592003100

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DIAGNOSING PREDISPOSITION TO FAT DEPOSITION AND ASSOCIATED CONDITIONS**

the specification of which was filed on June 27, 2003 as Application No. 10/608,296.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

**FOREIGN PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

- no foreign applications have been filed  
 foreign application have been filed as follows:

sd-206588

Attorney Docket No.: 524592003100

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			— Yes No —
			— Yes No —
			— Yes No —

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

no U.S. provisional applications have been filed.

U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/392,361	June 27, 2002	— x Yes No —
		— Yes No —
		— Yes No —

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Attorney Docket No.: 524592003100

 no U.S./PCT applications have been filed. U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 25225

all of Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, California 92130, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

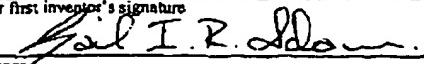
Please mail all correspondence to Bruce D. Grant, whose address is:

Morrison & Foerster LLP  
3811 Valley Centre Drive, Suite 500  
San Diego, California 92130

Please direct telephone calls to: Bruce D. Grant at (858) 720-7962.

Please direct facsimiles to: (858) 720-5125

Attorney Docket No.: S24592003100

Full name of sole or first inventor <b>Gail Isabel Reid ADAM</b>	
Sole or first inventor's signature 	Date 22.07.2004
Residence <b>Knivsta, Sweden</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address Hogasvagen 101 741 41 Knivsta SWEDEN	

Full name of second inventor, if any <b>Maria L. LANGDOWN</b>	
Second Inventor's signature	Date
Residence <b>San Diego, CA</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address 3701 Yosemite Street San Diego, California 92109	

Attorney Docket No.: 524592003100

Full name of sole or first inventor <b>Gail Isabel Reid ADAM</b>	
Sole or first inventor's signature	Date
Residence <b>Knivsta, Sweden</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address <b>Hogasvagen 101 741 41 Knivsta SWEDEN</b>	

Full name of second inventor, if any <b>Maria L. LANGDOWN</b>	
Second inventor's signature <i>Mlangdown</i>	Date <b>7/13/04</b>
Residence <b>San Diego, CA</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address <b>3701 Yosemite Street San Diego, California 92109.</b>	

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JUN 24 2005

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SEQUENOM LEGAL DEPT

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PTO/SB/31 (08-04)

Approved for use through 11/20/2005. OMB 0651-0038  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/608,296
Filing Date	27 June 2003
First Named Inventor	ADAM, et al.
Title	Diagnosing Predisposition to Fat...
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	SEQ-4031-UT

I hereby appoint:

 Practitioners associated with the Customer Number:

47326

OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number:

OR

 The address associated with Customer Number:

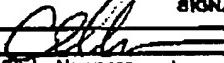
OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Fax		

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/88)

## SIGNATURE of Applicant or Assignee of Record

Signature		Date	11/23 October, 2004
Name	Clarke Neumann	Telephone	(858) 202-9208
Title and Company	Vice President and General Counsel, SEQUENOM, INC.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

11/22/2004 17:12 8582029212

SEQUENOM LEGAL DEPT

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PTO/SB/96 (06-04)  
Approved for use through 07/31/2006. OMB 0651-0091  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: SEQUENOM INC.Application No./Patent No.: 10/608,290Filed/Issue Date: 27 June 2003Entitled: **DIAGNOSING PREDISPOSITION OF FAT DEPOSITION AND ASSOCIATED CONDITIONS**

SEQUENOM INC. is a Delaware Corporation  
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or2.  an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_ Frame \_\_\_\_\_ or for which a copy thereof is attached.

OR

B  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.

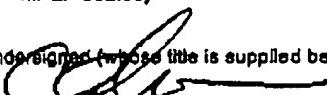
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

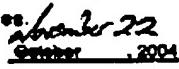
Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3. If the assignment is to be recorded in the records of the USPTO, See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature



Date

Clarke Neumann

(858) 202-9208

Telephone Number

Vice President and General Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

mey Docket No.: 524592003100

**ASSIGNMENT  
JOINT**

THIS ASSIGNMENT, by Gail Isabel Reid ADAM and Maria L. LANGDOWN (hereinafter referred to as the assignors), residing at Hogasvagen 101, 741 41 Knivsta, Sweden and 3701 Yosemite Street, San Diego, California 92109, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **DIAGNOSING PREDISPOSITION TO FAT DEPOSITION AND ASSOCIATED CONDITIONS**, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/608,296 and filed on June 27, 2003; and

WHEREAS, Sequenom, Inc. a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 3595 John Hopkins Court, San Diego, California 92121 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee\*, its successors, legal representatives and assigns.

Case Docket No.: 524592003100

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date Gail Isabel Reid ADAMWitnessed by: Kelly Gier

Signature of Witness

Date: 7-13-04Kelly Gier  
Name of Witness

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Witness

Name of Witness

Date 7/13/04Maria L. Langdown

STATE OF CALIFORNIA

COUNTY OF OrangeOn 7-13-04, before me,

Name and Title of Officer (e.g. "Jane Doe, Notary Public")

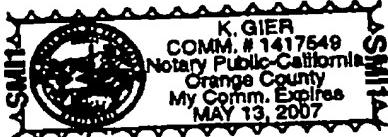
Date

K. Gierpersonally appeared Maria L. Langdown

Name of Signer(s)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public

Docket No.: 524592003100

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

22.07.2004Gail I.R. Adam

Date

Gail Isabel Reid ADAM

Witnessed by:

Martin Andersson

Signature of Witness

Date: 22/7 -04Martin Andersson

Name of Witness

Witnessed by:

EMMEL

Signature of Witness

Date: 22.07.04ELIN WESTERGREN

Name of Witness

Date

Maria L. LANGDOWN

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, before me,

Date

Name And Title Of Officer (e.g. 'Jane Doe, Notary Public')

personally appeared \_\_\_\_\_

Name of Signer(s)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

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